This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

From: 814 835 9047 Page: 1/6 Date: 1/29/2004 3:16:24 PM

NEIFELD REF: X2YA0013U-US

Inventors' Declaration and Power of Attorney

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first and joint (sole) inventor(s) of the subject
matter which is claimed and for which a patent is sought on the invention entitled:

Shie	ded Energy Condition	ег						
	The specification of	f which:						
,	is attached hereto.							
	is attached hereto including a preliminary amendment.							
	was filed on	No.						
	was filed on as U.S. Application No on and amended under PCT Articles 19 and/or 34 on and/or							
	and amended under	PCT Articles 19 a	ind/or 34 on	and/or				
					·			
which identi Intern	n application(s) for pa designated at least on fied below, by checkin	ten: or inventor's the country other the gethe box, any for ring a filing date by	enefits under 35 U.S.C. § 1 certificate, or § 365(a) of a an the United States, which eign application for patent efore that of the application	ny PCT Internation is listed below or inventor's control on which price	ational application w, and have also ertificate, or PCT ority is claimed.			
	Application No.	Country	Day/Month/Year		Priority Claimed			
				□ Yes	□ No			
·				□ Yes	□ No			
_				□ Yes	□ No			
				□ Yes	□ No			
Printe Y:\CU	d: December 9, 2003 ents\X2YA\X2YA00	(9:46am) 13\X2YA0013U-U	JS\Drafts\Dec_and_POA	031111.wpd				

Page 1



NEIFELD REF: X2YA0013U-US

We (I) hereby claim the benefit under Title 35, United States Code, § 119 (c) of any United States provisional application(s) listed below.

Provisional Application Serial No.	Filing Date
60/443,855	1/31/03
60/445,802	2/10/03
60/472,113	5/21/03

We (I) hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, which is listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)

We (I) hereby appoint Richard A. Neifeld, Reg. 35,299; Irina S. Zemel, Reg. 43,402; Robert G. Crockett, Reg. 42,448; and Nicole A. Coy Reg. No: 54,051 as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to the firm of NEIFELD IP LAW, P.C., whose Post Office Address is: 2001 Jefferson Davis Highway, Suite 1001, Arlington, Virginia 22202. We (I) authorize NEIFELD IP LAW, PC to fill in a "NEIFELD REF:" identifier on the pages of this declaration after we (I) sign.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

Printed: December 9, 2003 (9:46am)
Y:\Clients\X2YA\X2YA\0013\X2YA0013U-US\Drafts\Dec_and_POA_031111.wpd

Page 2



From: 814 835 9047 Page: 3/6 Date: 1/29/2004 3:16:25 PM

NEIFELD REF: X2	YA0013U-US		
David Anthony NAME OF FIRST (SO	LE) INVENTOR	Signature	01-29-2004 Date
Residence Address:	3646 Fountain Way		
Post Office Address:	Erie, PA 16506		
Citizenship:	USA	 	
Anthony Anthony NAME OF SECOND I	· · · · · · · · · · · · · · · · · · ·	Muchay Signature	1/29/04 Date
Residence Address:	5064 Wolf Run		
Post Office Address:	Eric. PA 16505		
Citizenship:	USA		
William Anthony NAME OF THIRD IN	VENTOR	Signature N. Mil	1/24/04 Date
Residence Address:	2642 West 35th Street		
Post Office Address:	Erie PA 16506		
Citizenship:	USA		
Printed: December 9	2.003 (9:46am)		

Page 3

Y:\Clients\X2YA\X2YA0013\X2YA0013U-US\Drafts\Dec_and_POA_031111.wpd